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BANGLADESH PETROLEUM INSTITUTE

WELLS DRILLED
IN BANGLADESH

Dhaka, June, 1985.

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH
BANGLADESH PETROLEUM INSTITUTE

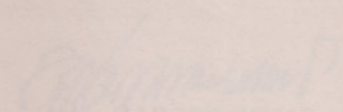
WELLS DRILLED IN BANGLADESH

by

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PREFACE

The need for a published report on wells drilled in Bangladesh has been felt for a long time. Only a handful of publications with inadequate data are available in the literature for ready reference in this matter.

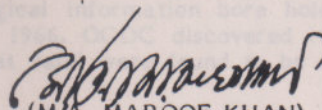
Recently Bangladesh Petroleum Institute has taken steps to compile and publish all the informations available on petroleum sector in the form of a report.

This report includes a prior introductory note describing the history of drilling operation in the country. This is followed by charts showing name of each well, well location, name of each drilling company, spudding and completion dates, total depths drilled and formations encountered.

The descriptions encompass all the wells of on-shore, off-shore and GIB wells drilled by local and foreign companies.

We hope that this report will be useful to the persons interested in hydrocarbon exploration of the country.

We gratefully acknowledge the cooperations that we received at the time of preparing this report from the officers of the Geological Evaluation Division and the Data Centre of Bangladesh Oil, Gas & Mineral Corporation.


(M.A. MAROOF KHAN)
DIRECTOR

DHAKA, 25 JUNE, 1985.

BANGLADESH PETROLEUM INSTITUTE

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KHWAJA Z. HAYDER

The first exploratory well in the country was drilled in 1910 by Indian Petroleum Prospecting Company on the Sitakund structure. This was followed by two more shallow wells and drilled down to about 762.5 meters depth on the same structure. The fourth shallow well at Sitakund was drilled by Burmah Oil Company in 1914. Almost nothing of the reports made by these companies remain today for reference.

During the years 1923 through 1933, Burmah Oil Company drilled two more wells in Patharia which, despite oil flow in the Middle Bhuban Formation, were abandoned because at that time it was considered to be non-commercial.

In the year 1939, Burmah Oil Company drilled a geological information bore hole (1 to 25 core holes) on Sitakund structure reaching very shallow depths between 30 and 183 meters (100 - 600 ft.) from the surface for collecting subsurface geological information of the area.

In the years following, drilling operation could not, however, be continued for world wide instability and uncertainty prevailing in the political arena and it was only in the early fifties that Pakistan Petroleum Ltd. started exploration activities and subsequently drilled 14 wells including two GIB's at Patharia, Patya, Sylhet, Lalmai, Chhatak and Fenchuganj during the period 1951-64. The first gas field in the country, (Sylhet-3), was discovered by the same company in 1957 and this was followed by the discovery of the second gas field in Chhatak in the year 1959.

Standard Vacuum Oil Company drilled its first well at Kuchma in 1959 and discovered the famous Gondwana Coal in Bangladesh. In the same year it drilled Bogra-1 and reached the Precambrian Basement Complex at a depth of 2187 meters (7176') through the Gondwana coal seams. SVOC drilled one more well at Hazipur in 1960 but was abandoned as a dry hole after reaching a total depth of 3816 meters (12520 ft.).

During the period 1960 through 1969, Pakistan Shell Oil Company drilled 12 wells including one offshore well resulting in the discovery of five gas fields (Rashidpur-1960, Titas-1962, Habiganj-1963, Kailas Tila-1968, and Bakhra-bad-1969).

Oil and Gas Development Corporation started drilling in November 1964 at Jaldi and subsequently drilled two geological information bore holes at Jaldi and one at Semutang between 1964 and 1966. OGDC discovered its first gas field at Semutang in 1969. Wells drilled at Jaldi were found to be non-productive.

Taila Shandhani Company drilled its first well in 1975 and discovered Begumganj gas field (1977). Its second well at about the same place was however, abandoned in 1978 after reaching a depth of 3577 meters (11738').

Petrobangla started drilling its first well at Hijla-Muladi in May, 1979 and subsequently drilled five more wells at Feni, Singra, Beani Bazar, Atgram and Kamta and blessed with the discovery of three gas fields (Feni-81, Beani Bazar-1981, Kamta-1982). Drilling operation by Petrobangla is still in progress at Sitakund and Fenchuganj.

After the creation of Bangladesh, five foreign oil companies namely, Atlantic Richfield, Union Oil, Ina-Naftapline and Canadian Superior started exploration in the offshore areas in 1974, under production-sharing contract and they drilled eight wells resulting in the discovery of one gas field (Kutubdia-1977).

A total of 74 wells have so far been drilled in Bangladesh. Out of these, 47 are exploratory (38 onshore and 09 offshore), 10 are appraisal and 11 are development wells.

Bangladesh has 13 gas fields which include 27 gas wells with an estimated reserve of 12.45 trillion cubic feet of gas.

